

IN THE ABSTRACT:

Please delete the current abstract and insert the following therefore:

An xDSL data transfer system for data transfer includes at least one xDSL user modem connected via a data transfer medium to a corresponding xDSL modem within a central office, in which the xDSL user modem generates a pulse length modulated wake-up signal for switching the corresponding xDSL modem within the central office from a sleep mode to an operation mode.